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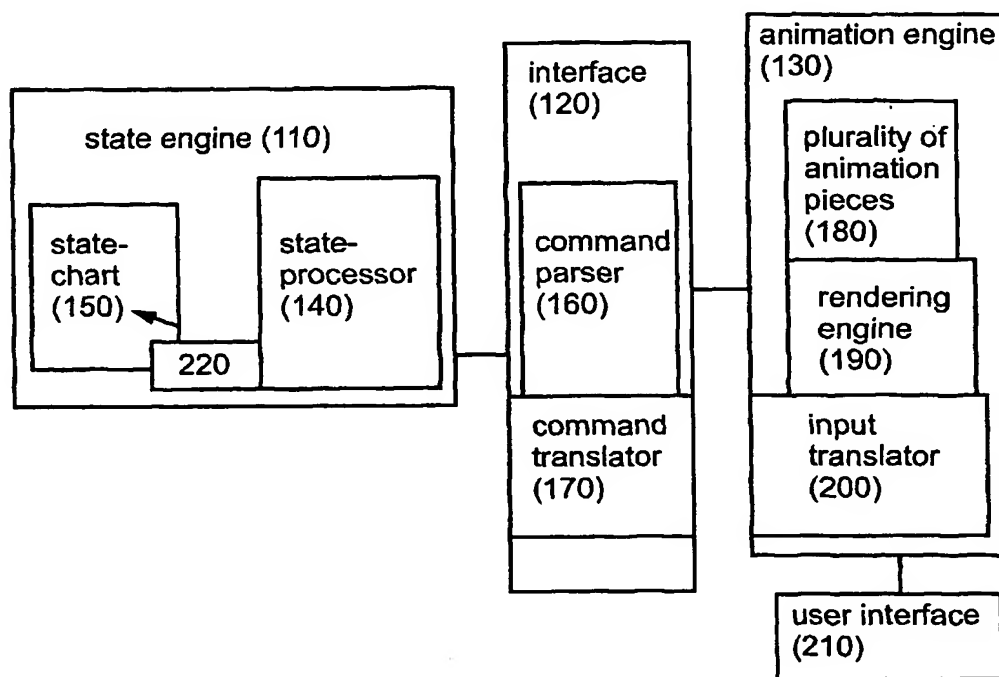
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[Continued on next page]

(54) Title: **REACTIVE ANIMATION**



(57) Abstract: System and method for generating reactive animation, providing a generic link between tools for graphic animation, by operatively linking the representation of an event driven system in conjunction with an event driven engine to an animation engine (130) to generate reactive animation (600)



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

**(88) Date of publication of the international search report:**

12 May 2005

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 27196	<b>FOR FURTHER ACTION</b> <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/IL04/00044	International filing date ( <i>day/month/year</i> ) 15 January 2004 (15.01.2004)	(Earliest) Priority Date ( <i>day/month/year</i> ) 17 January 2003 (17.01.2003)
Applicant YEDA RESEARCH AND DEVELOPMENT CO. LTD.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4\_ sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the Report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (See Box No. III)

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1\_

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/00044

## Box IV TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

### NEW ABSTRACT

System and method for generating reactive animation, providing a generic link between tools for graphic animation, by operatively linking the representation of an event driven system in conjunction with an event driven engine to an animation engine (130) to generate reactive animation (600).

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/00044

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06T 15/70

US CL : 345/473

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 345/473

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,285,380 B1 (PERLIN et al.) 04 September 2001, see entire document.	1-25, 33
A	US 6,208,357 B1 (KOGA et al.) 27 March 2001, see entire document.	1-33
A	US 6,331,861 B1 (GEVER et al.) 18 December 2001, see entire document.	1-33
A	US 6,329,994 B1 (GEVER et al.) 11 December 2001, see entire document.	1-33
A	US 6,433,784 B1 (MERRICK et al.) 13 August 2002, see entire document.	1-33



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

13 February 2005 (13.02.2005)

Date of mailing of the international search report

06 APR 2005

Name and mailing address of the ISA/US

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/00044

## Continuation of B. FIELDS SEARCHED Item 3:

EAST

model\$4 same behav\$6 and animat\$4 and object and event and react\$6 and behav\$6 and (autono\$4 or indepen\$6) and (character or avatar or object or actor) and predeter\$6 and (rul\$5 or program\$6)

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